

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
 Data File : BG043899.D
 Acq On : 3 Jan 2020 22:32
 Operator : JU
 Sample : K6449-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
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Quant Time: Jan 04 05:35:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

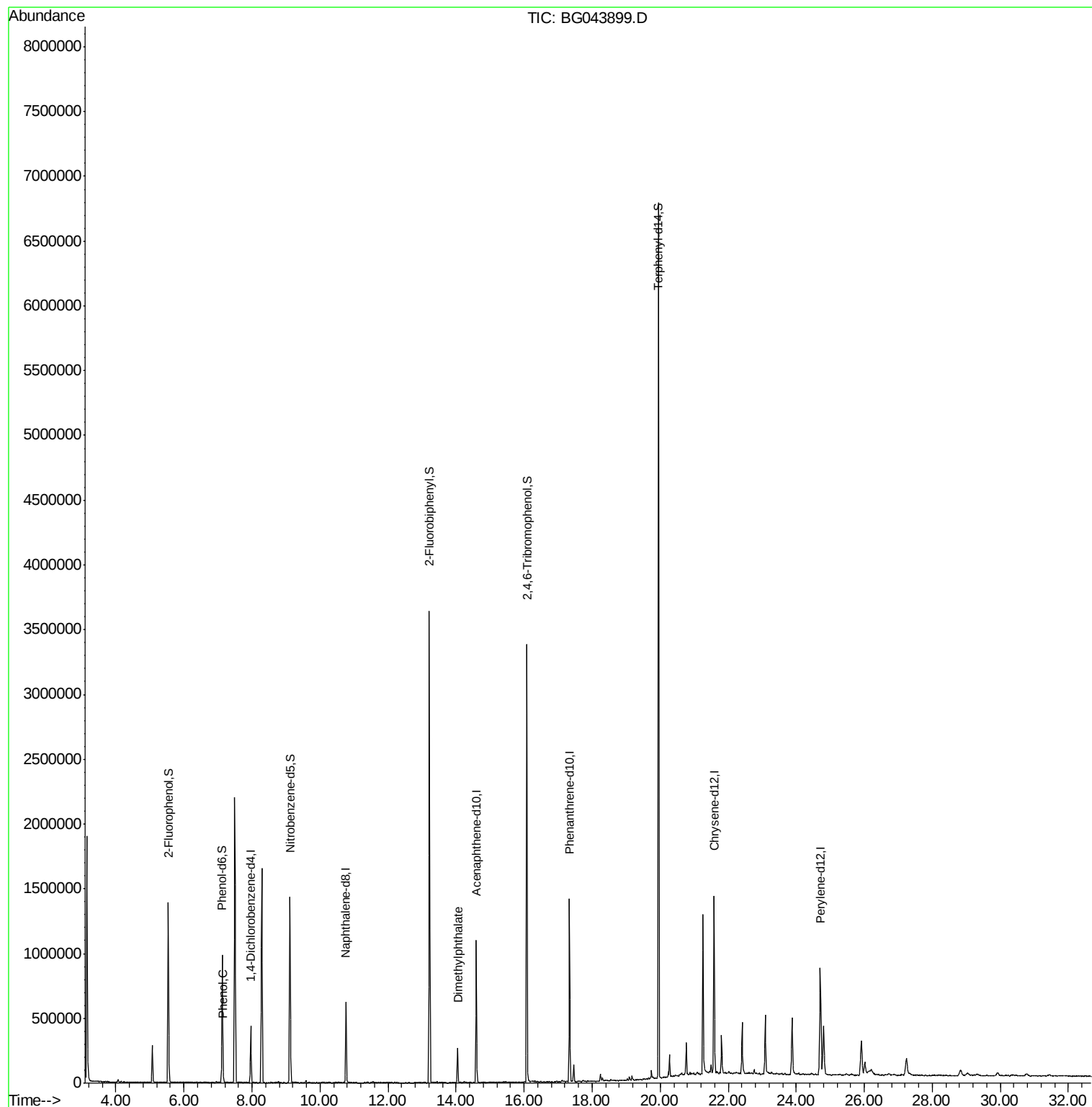
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	128780	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	565187	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	380466	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	859946	20.00	ng	0.00
76) Chrysene-d12	21.58	240	725553	20.00	ng	0.00
87) Perylene-d12	24.71	264	819041	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	624854	89.09	ng	0.00
7) Phenol-d6	7.12	99	599247	61.12	ng	0.00
23) Nitrobenzene-d5	9.12	82	872535	82.59	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	582183	146.22	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1883372	89.69	ng	0.00
79) Terphenyl-d14	19.95	244	2734620	93.16	ng	0.00
Target Compounds						
10) Phenol	7.15	94	27667	2.739	ng	98
50) Dimethylphthalate	14.05	163	186494	6.903	ng	# 96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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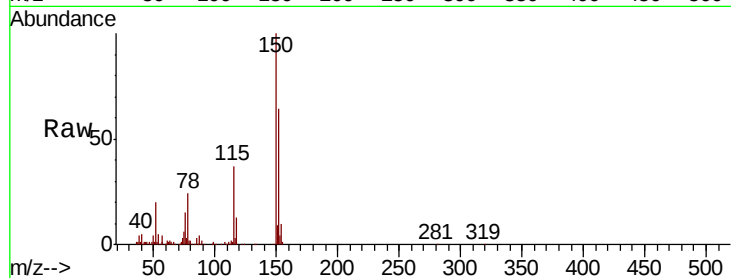


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.96 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.0	190.4
115	57.5	47.8	71.8

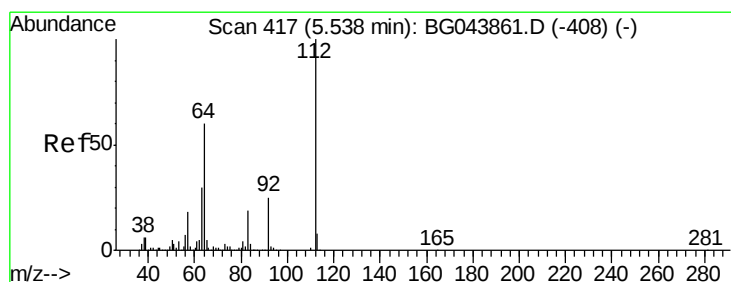
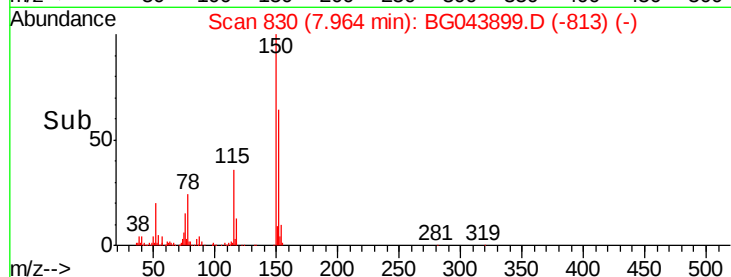
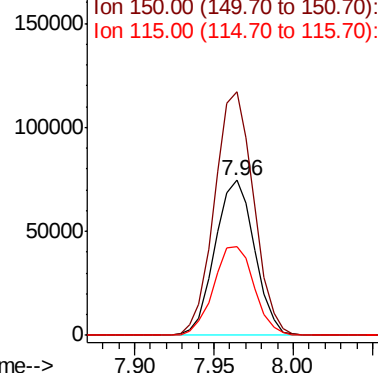


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

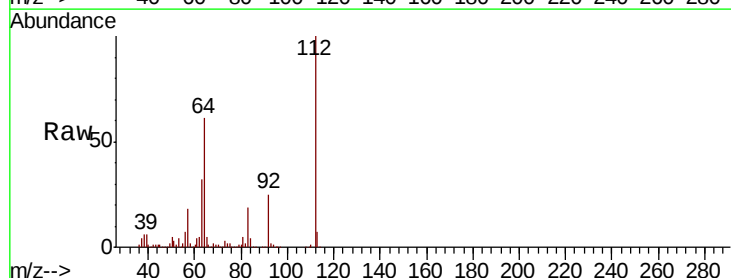
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 89.090 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.7	47.8	71.6
63	31.5	24.3	36.5

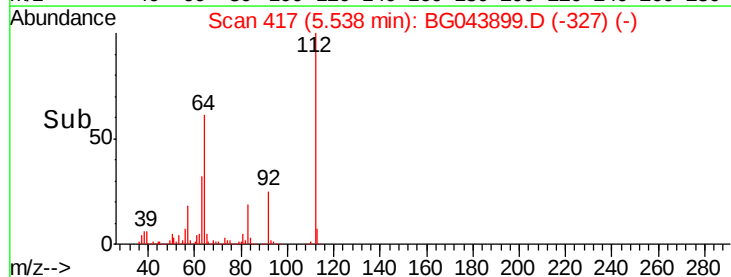
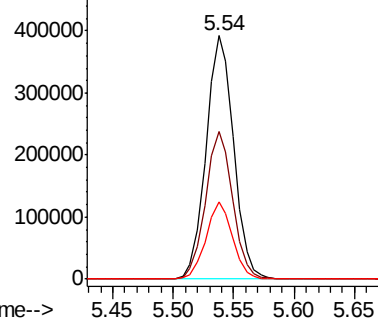


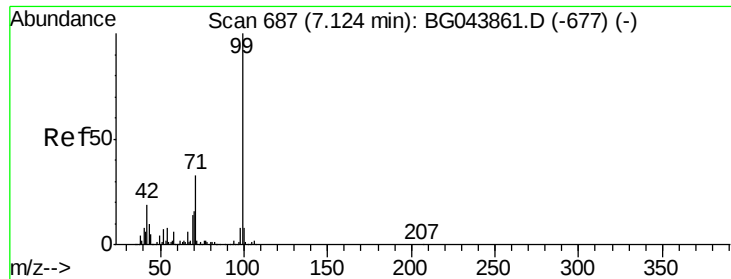
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 61.123 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

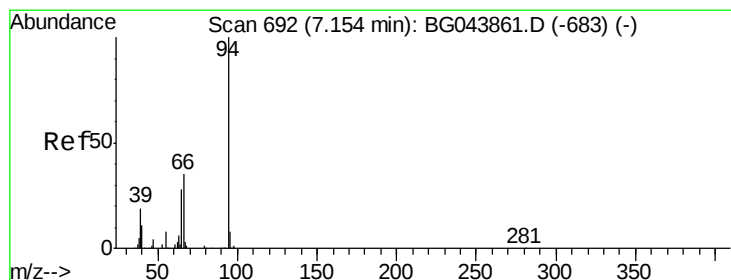
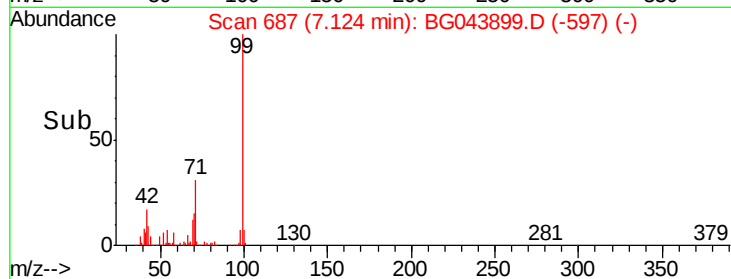
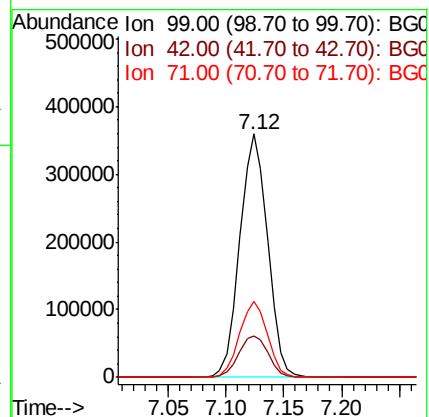
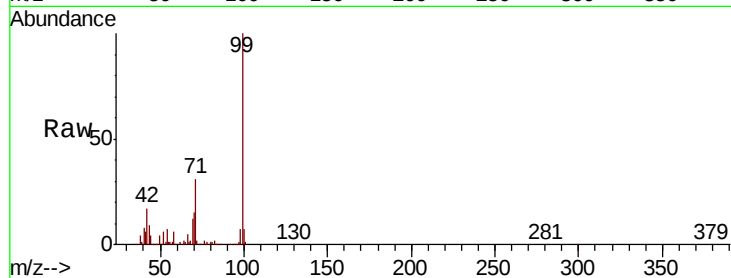
Tot Ion: 99 Resp: 599247

Ion Ratio Lower Upper

99 100

42 17.0 14.9 22.3

71 31.0 26.4 39.6



#10

Phenol

Concen: 2.739 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

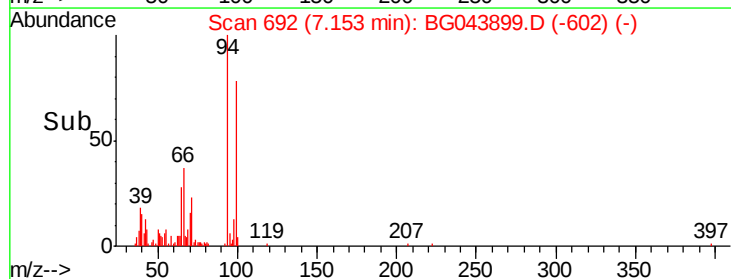
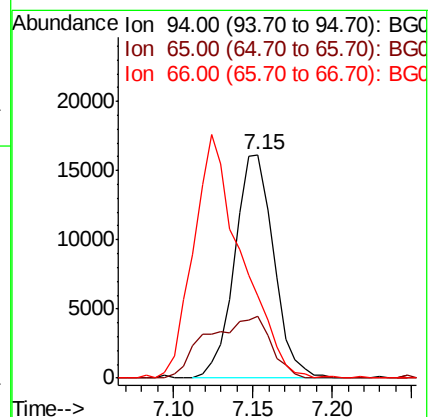
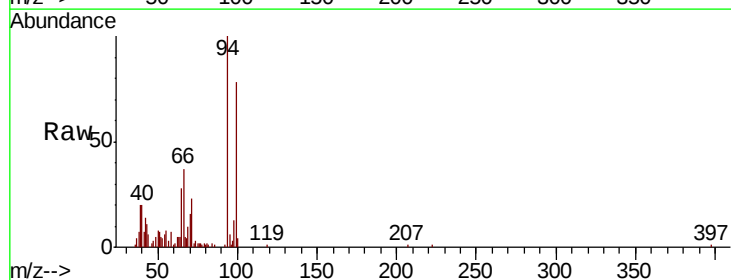
Tgt Ion: 94 Resp: 27667

Ion Ratio Lower Upper

94 100

65 27.5 8.1 48.1

66 37.1 15.6 55.6

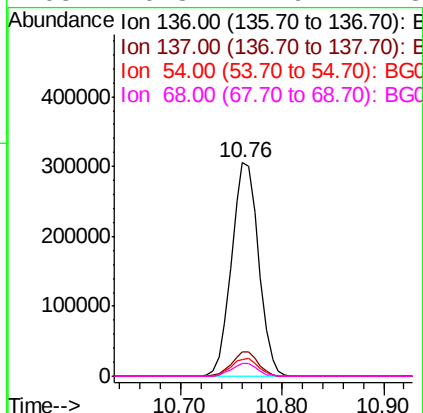
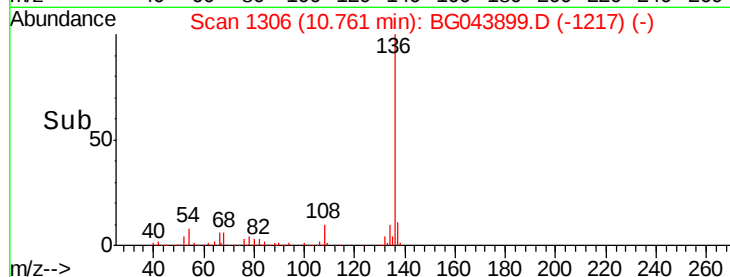
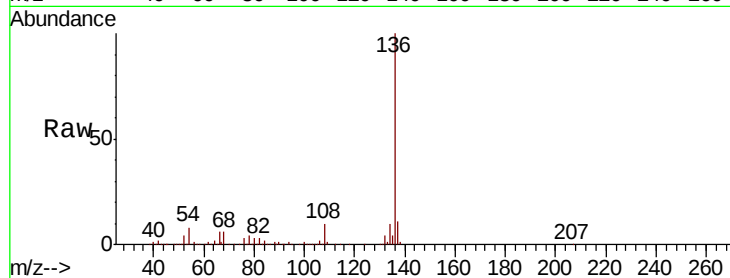




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

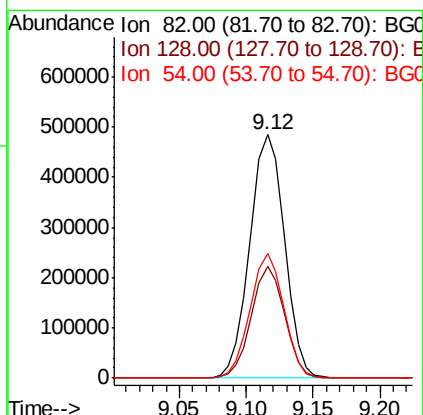
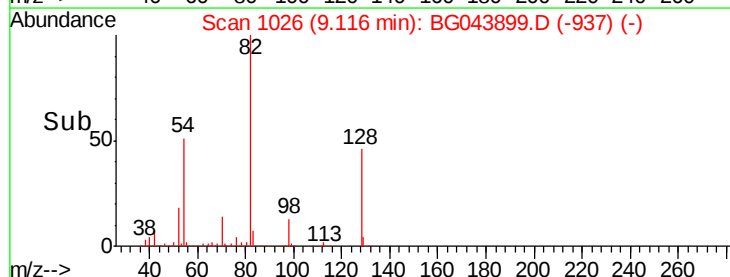
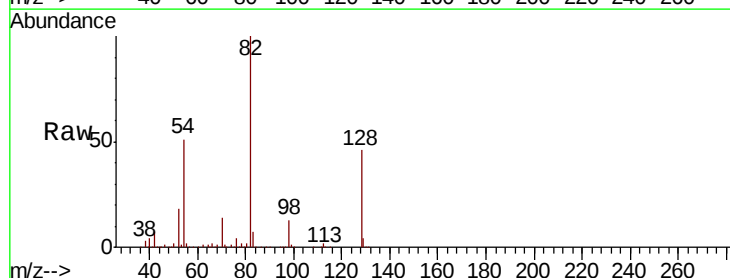
Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

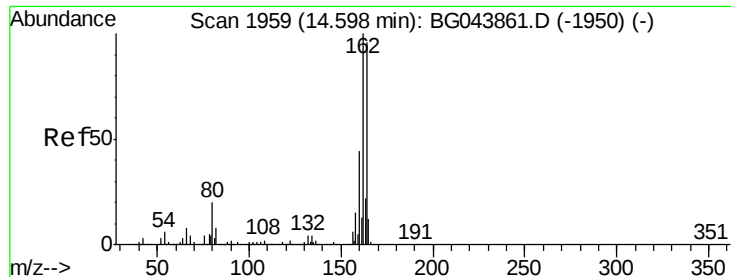
Tot Ion:136	Resp: 565187
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 8.1	7.0 10.4
68 6.3	4.9 7.3



#23
Nitrobenzene-d5
Concen: 82.587 ng
RT: 9.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Tgt	Ion: 82	Resp:	872535
Ion	Ratio	Lower	Upper
82	100		
128	46.2	35.1	52.7
54	51.0	40.1	60.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

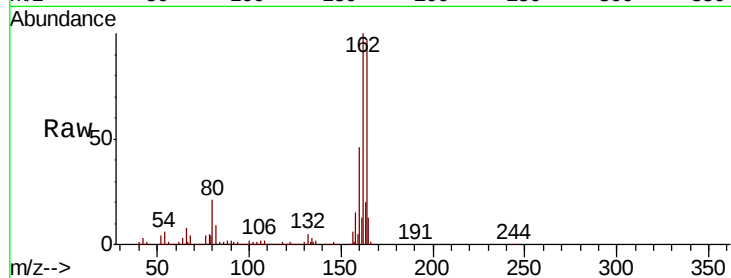
Tot Ion:164 Resp: 380466

Ion Ratio Lower Upper

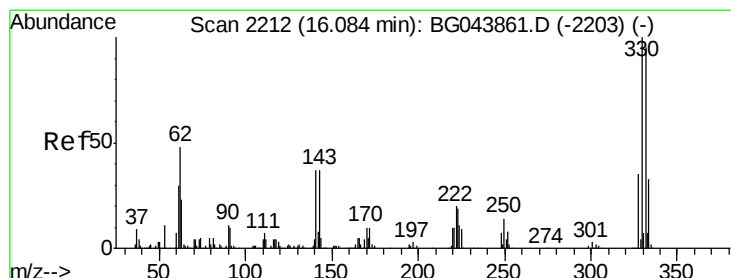
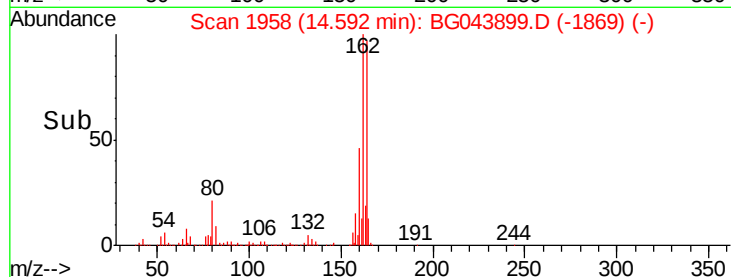
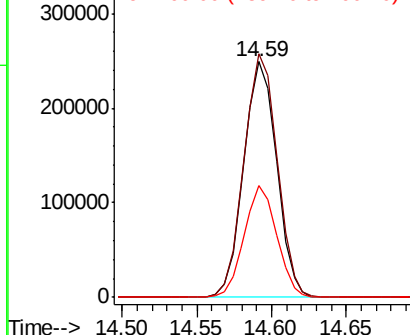
164 100

162 103.3 83.0 124.4

160 47.2 36.1 54.1



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 146.222 ng

RT: 16.08 min Scan# 2211

Delta R.T. -0.01 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

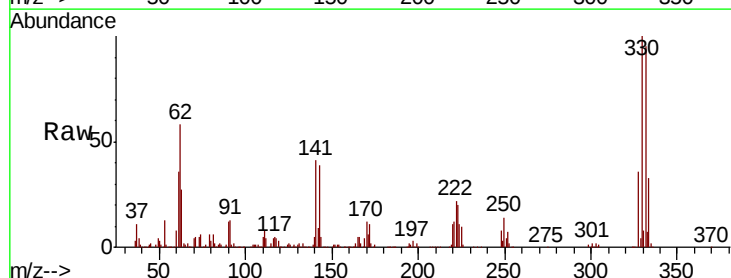
Tgt Ion:330 Resp: 582183

Ion Ratio Lower Upper

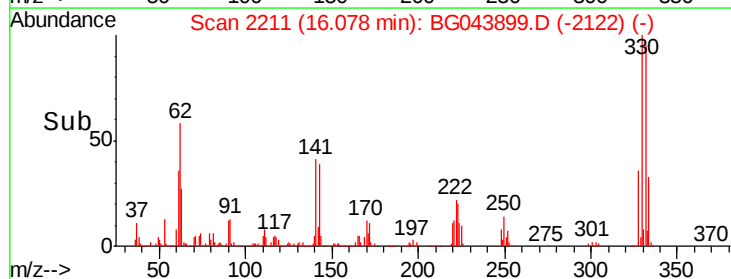
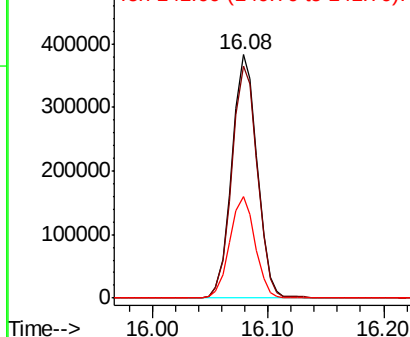
330 100

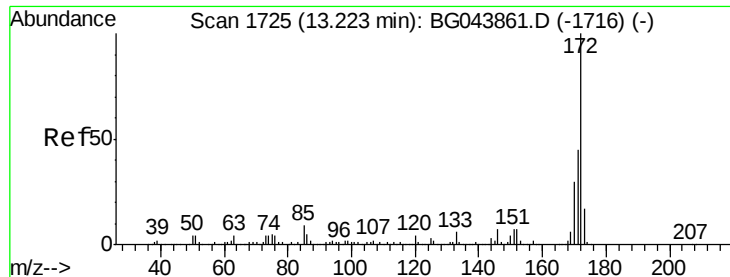
332 96.0 77.2 115.8

141 41.5 33.1 49.7



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

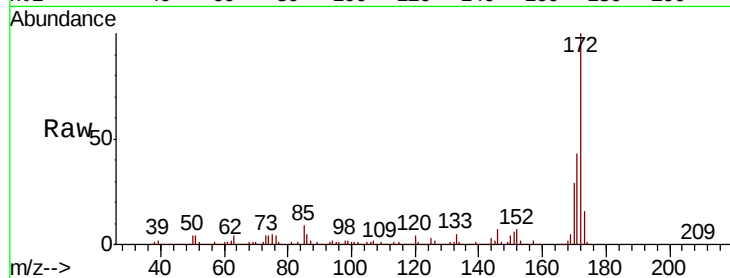




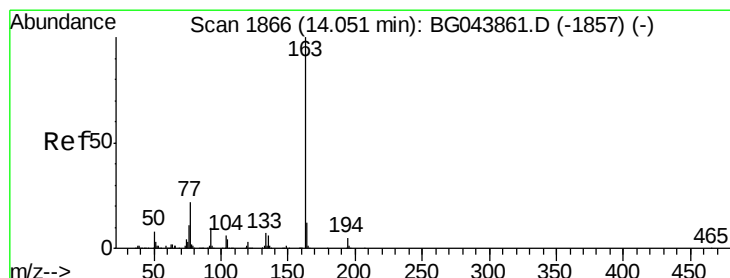
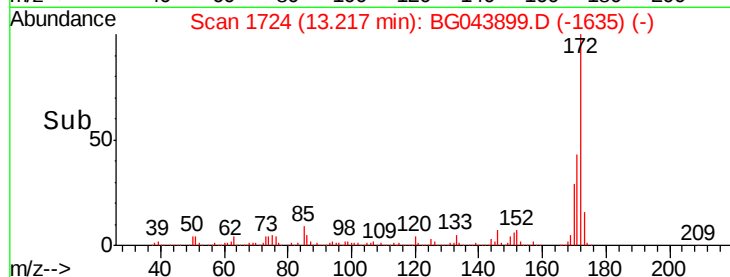
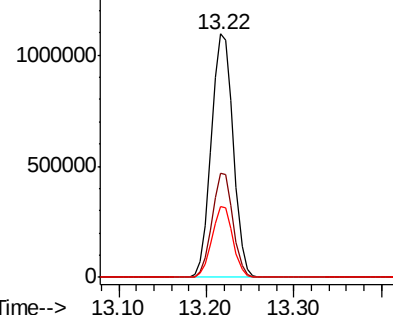
#45
2-Fluorobiphenyl
Concen: 89.686 ng
RT: 13.22 min Scan# 1724
Delta R.T. -0.01 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Instrument :
BNA_G
ClientSampled :
FIELD-BLANK

Tot Ion:172 Resp: 1883372
Ion Ratio Lower Upper
172 100
171 42.8 35.8 53.8
170 29.2 24.2 36.4

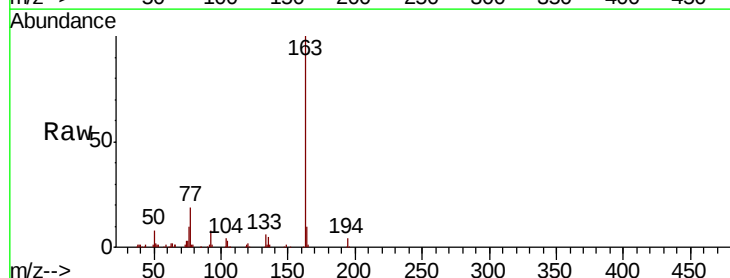


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

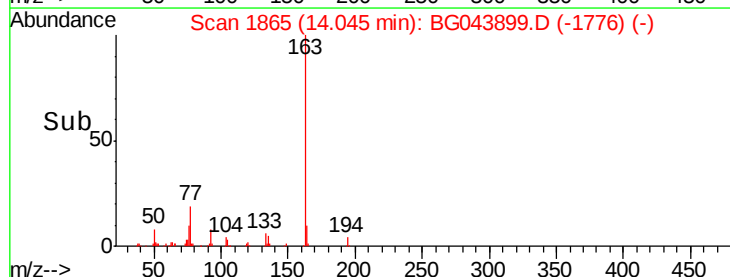
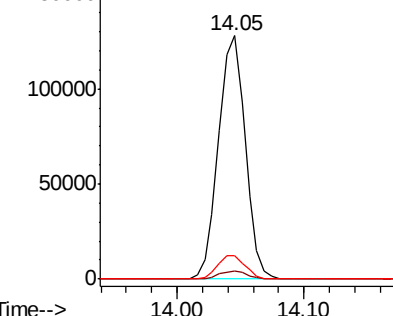


#50
Dimethylphthalate
Concen: 6.903 ng
RT: 14.05 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Tgt Ion:163 Resp: 186494
Ion Ratio Lower Upper
163 100
194 3.6 3.7 5.5#
164 9.7 9.3 13.9



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

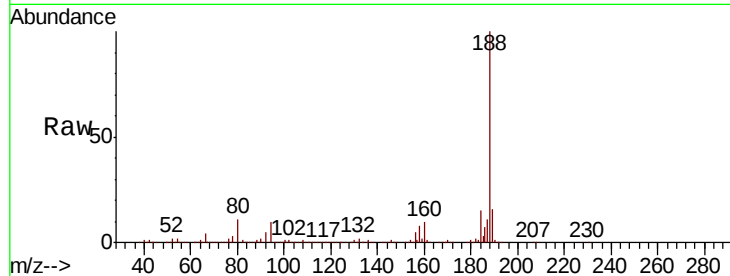




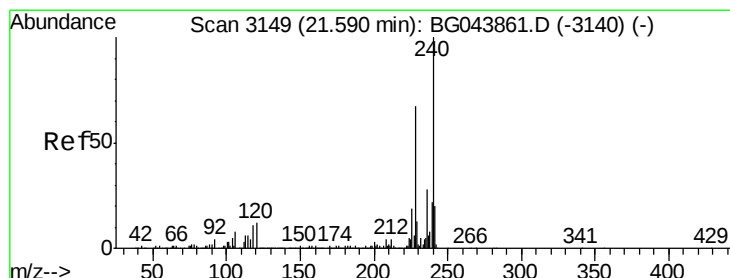
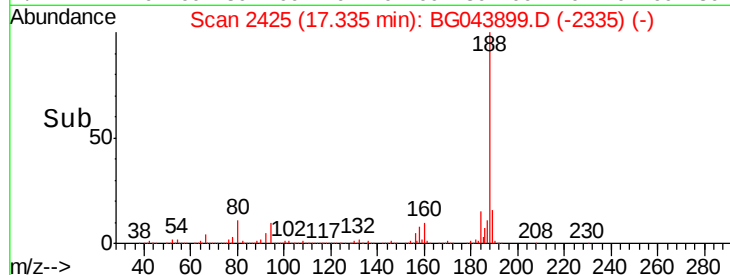
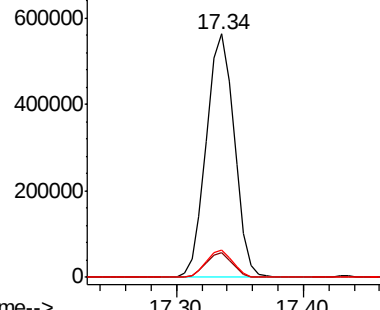
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.34 min Scan# 2425
Delta R.T. -0.00 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Instrument :
BNA_G
ClientSampleId :
FIELD-BLANK

Tot Ion:188 Resp: 859946
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.1 8.2 12.4

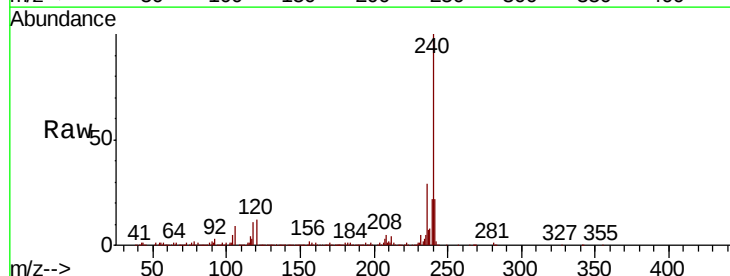


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

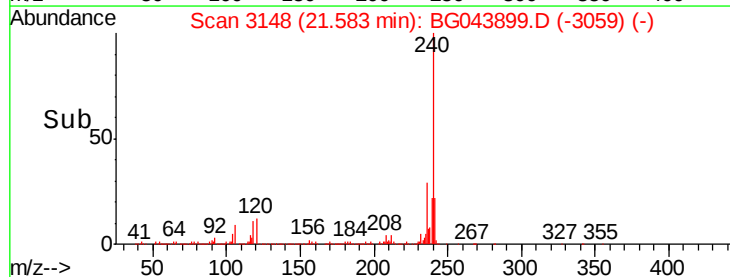
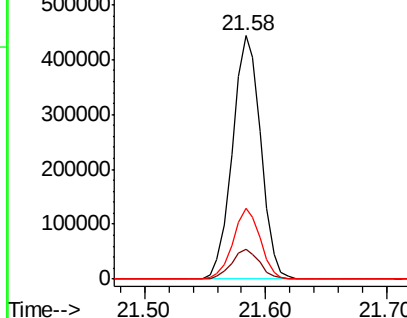


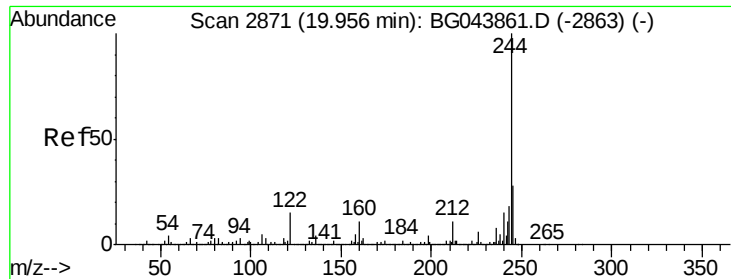
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.58 min Scan# 3148
Delta R.T. -0.01 min
Lab File: BG043899.D
Acq: 3 Jan 2020 22:32

Tgt Ion:240 Resp: 725553
Ion Ratio Lower Upper
240 100
120 12.1 9.6 14.4
236 28.9 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.162 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

Instrument :

BNA_G

ClientSampleId :

FIELD-BLANK

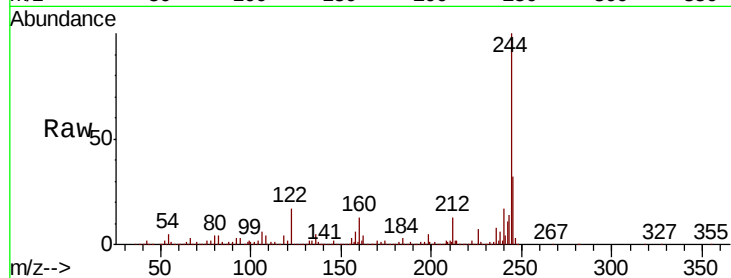
Tot Ion:244 Resp: 2734620

Ion Ratio Lower Upper

244 100

212 12.5 8.6 13.0

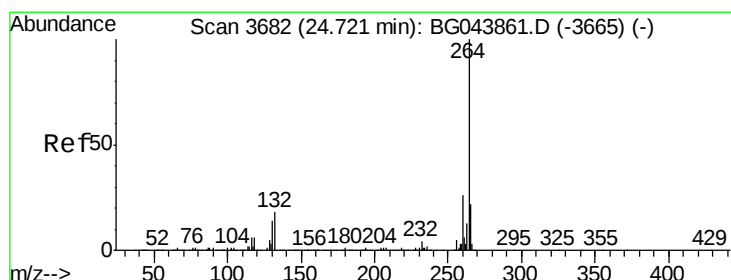
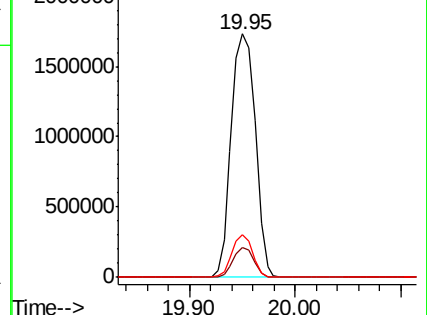
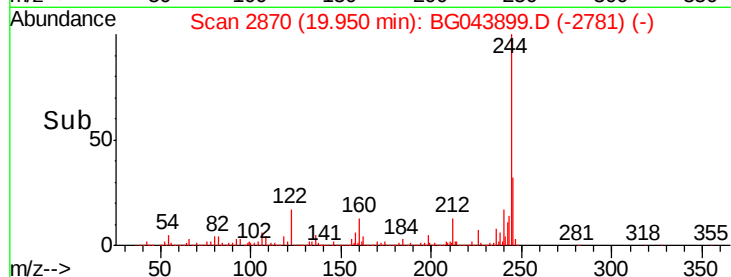
122 17.5 11.9 17.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.71 min Scan# 3680

Delta R.T. -0.01 min

Lab File: BG043899.D

Acq: 3 Jan 2020 22:32

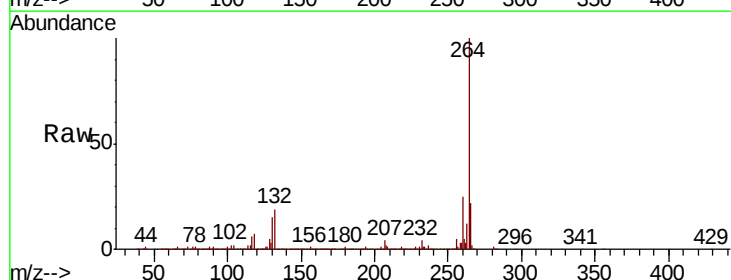
Tgt Ion:264 Resp: 819041

Ion Ratio Lower Upper

264 100

260 24.7 20.4 30.6

265 22.0 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

